

GenCore version 4.5  
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OM nucleic - nucleic search, using sw model

Run on: February 15, 2002, 10:15:55 ; Search time 49.36 Seconds  
(without alignments)  
7254.087 Million cell updates/sec

Title: US-09-603-124B-1

Perfect score: 1581  
Sequence: 1 gcaggtacgcctccacggt.....gacgtacgtgaacaagcgag 1581

Scoring table: OLIGO\_NUC  
Gapop 60.0 , Gapext 60.0

Searched: 351203 seqs, 11328999 residues

Word size : 0

Total number of hits satisfying chosen parameters: 702406

Minimum DB seq length: 0  
Maximum DB seq length: 200000000

Post-processing: Listing first 45 summaries

Database :

Issued Patents\_NA: \*  
1: /cgn2\_6/prodata/2/ina/5A\_COMB.seq: \*  
2: /cgn2\_6/prodata/2/ina/5B\_COMB.seq: \*  
3: /cgn2\_6/prodata/2/ina/5A\_COMB.seq: \*  
4: /cgn2\_6/prodata/2/ina/5B\_COMB.seq: \*  
5: /cgn2\_6/prodata/2/ina/PCTUS\_COMB.seq: \*  
6: /cgn2\_6/prodata/2/ina/Backfile1.seq: \*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

# SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	18	1.1	2289	2	US-08-463-081B-30
2	18	1.1	2289	2	US-08-461-379A-30
3	18	1.1	2289	2	US-08-462-390B-30
4	18	1.1	2289	3	US-08-463-074B-30
5	18	1.1	2289	3	US-08-465-585C-30
6	18	1.1	2289	3	US-08-465-585C-30
7	18	1.1	2289	3	US-08-465-585C-30
8	18	1.1	2289	3	US-08-465-585C-30
9	18	1.1	2289	3	US-08-465-585C-30
10	18	1.1	2289	3	US-08-465-585C-30
11	18	1.1	2289	3	US-08-465-585C-30
12	18	1.1	2289	3	US-08-465-585C-30
13	18	1.1	2289	3	US-08-465-585C-30
14	18	1.1	2289	3	US-08-465-585C-30
15	18	1.1	2289	3	US-08-465-585C-30
16	18	1.1	2289	3	US-08-465-585C-30
17	18	1.1	2289	3	US-08-465-585C-30
18	18	1.1	2289	3	US-08-465-585C-30
19	18	1.1	2289	3	US-08-465-585C-30
20	18	1.1	2289	3	US-08-465-585C-30
21	18	1.1	2289	3	US-08-465-585C-30
22	18	1.1	2289	3	US-08-465-585C-30
23	18	1.1	2289	3	US-08-465-585C-30
24	18	1.1	2289	3	US-08-465-585C-30
25	18	1.1	2289	3	US-08-465-585C-30
26	18	1.1	2289	3	US-08-465-585C-30
27	18	1.1	2289	3	US-08-465-585C-30

28	17	1.1	393	2	US-08-116-778E-39	Sequence 39, Appl
29	17	1.1	393	2	US-08-438-562-39	Sequence 39, Appl
30	17	1.1	393	2	US-08-483-528B-2	Sequence 2, Appl
31	17	1.1	393	3	US-08-673-799C-2	Sequence 25, Appl
32	17	1.1	462	1	US-07-946-421-25	Sequence 2, Appl
33	17	1.1	646	2	US-08-737-129A-3	Sequence 3, Appl
34	17	1.1	648	6	5455030-4	Patent No. 5455030
35	17	1.1	669	2	US-08-190-199A-65	Sequence 66, Appl
36	17	1.1	672	2	US-08-190-199A-62	Sequence 62, Appl
37	17	1.1	705	4	US-09-171-945-16	Sequence 16, Appl
38	17	1.1	708	2	US-08-190-199A-60	Sequence 60, Appl
39	17	1.1	711	3	US-08-190-199A-64	Sequence 64, Appl
40	17	1.1	719	3	US-08-279-772A-7	Sequence 7, Appl
41	17	1.1	720	1	US-08-061-092A-2	Sequence 2, Appl
42	17	1.1	720	3	US-08-902-486-10	Sequence 10, Appl
43	17	1.1	720	6	5455030-14	Patent No. 5455030
44	17	1.1	729	6	5455030-16	Patent No. 5455030
45	17	1.1	732	2	US-08-553-497A-19	Sequence 19, Appl

## ALIGNMENTS

RESULT 1  
US-08-463-081B-30/c  
Sequence 30, Application US/08463081B  
Patent No. 5871960  
Patent No. 5871960-5871960  
GENERAL INFORMATION:  
APPLICANT: Smith, Kendall A. & Beadling, Carol  
TITLE OF INVENTION: Nucleic Acids Encoding CR5 Polypeptide, and Expression Ther  
TITLE OF INVENTION: Vector and Transformed Cell Thereof, and Expression Ther  
NUMBER OF SEQUENCES: 35  
CORRESPONDENCE ADDRESSES:  
ADDRESSER: PRETTY, SCHROEDER & POPLAWSKI  
STREET: 444 South Flower St. - Suite 1900  
CITY: Los Angeles  
STATE: California  
COUNTRY: USA  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/463,081B  
FILING DATE: 5-JUN-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/104,736  
FILING DATE: 10-AUG-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/796,066  
FILING DATE: 20-NOV-91  
ATTORNEY/AGENT INFORMATION:  
NAME: Viviana Amzel, Ph. D.  
REGISTRATION NUMBER: 30,930  
REFERENCE/DOCKET NUMBER: P66 38150 (DART-060)  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 622-7700  
TELEFAX: (213) 489-4210  
INFORMATION FOR SEQ ID NO: 30:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 2289 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA  
US-08-463-081B-30  
Query Match 1.1%, Score 18, DB 2, Length 2289;

Best Local Similarity 100.0%; Pred. No. 12;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1333 tgcctgtgtcttgagat 1350  
|||||  
Db 2113 tgcctgtgtcttgagat 2096

RESULT 2

US-08-461-379A-30/C  
Sequence 30, Application US/08461379A  
Patent No. 5821363

GENERAL INFORMATION:

APPLICANT: Smith, Kendall A. & Beadling, Carol  
TITLE OF INVENTION: Nucleic Acids Encoding CR5 Polypeptide,  
TITLE OF INVENTION: Vector and Transformed Cell Thereof, and  
NUMBER OF SEQUENCES: 35  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Ratner & Prestia  
CITY: Valley Forge  
STATE: Pennsylvania  
COUNTRY: USA  
ZIP: 19482

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0,  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/461,379A  
FILING DATE: 5-JUNE-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: USSN 08/330,108; 08/104,736  
FILING DATE: 27-OCT-1994; 10-AUG-1993 & 20-NOV-91  
ATTORNEY/AGENT INFORMATION:  
NAME: Viviana Amzel, Ph. D.  
REGISTRATION NUMBER: 30,930  
REFERENCE/DOCKET NUMBER: DART-070  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (610)470-0700  
TELEFAX: (610)470-0701  
INFORMATION FOR SEQ ID NO: 30:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 2289 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA  
US-08-461-379A-30

US-08-461-379A-30

Query Match 1.1%; Score 18; DB 2; Length 2289;  
Best Local Similarity 100.0%; Pred. No. 12;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1333 tgcctgtgtcttgagat 1350  
|||||  
Db 2113 tgcctgtgtcttgagat 2096

RESULT 3

US-08-462-390B-30/C  
Sequence 30, Application US/08462390B  
Patent No. 5882894

GENERAL INFORMATION:

APPLICANT: Smith, K. A. & Beadling, C.  
TITLE OF INVENTION: Nucleic Acids Encoding CR8 Polypeptide, Vector and  
TRANSFORMED CELL THEREOF, AND EXPRESSION THEREOF  
NUMBER OF SEQUENCES: 35

CORRESPONDENCE ADDRESS:

ADDRESSEE: Ratner & Prestia  
CITY: Valley Forge  
STATE: Pennsylvania  
COUNTRY: USA  
ZIP: 19482

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/462,390B  
FILING DATE: 5-JUNE-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: USSN 08/330,108  
FILING DATE: 27-OCT-1994  
APPLICATION NUMBER: USSN 08/104,736  
FILING DATE: 10-AUG-1993  
APPLICATION NUMBER: USSN 07/796,066  
FILING DATE: 20-NOV-91  
ATTORNEY/AGENT INFORMATION:  
NAME: Viviana Amzel, Ph. D.  
REGISTRATION NUMBER: 30,930  
REFERENCE/DOCKET NUMBER: DART-040  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (610)407-0700  
TELEFAX: (610)407-0701  
INFORMATION FOR SEQ ID NO: 30:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 2289 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: CDNA  
US-08-462-390B-30

Query Match 1.1%; Score 18; DB 2; Length 2289;  
Best Local Similarity 100.0%; Pred. No. 12;  
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1333 tgcctgtgtcttgagat 1350  
|||||  
Db 2113 tgcctgtgtcttgagat 2096

RESULT 4

US-08-463-074B-30/C  
Sequence 30, Application US/08463074B  
Patent No. 6020155

GENERAL INFORMATION:

APPLICANT: Smith, Kendall A. & Beadling, Carol  
TITLE OF INVENTION: Nucleic Acids Encoding CRI Fusion Protein, Vector and  
NUMBER OF SEQUENCES: 35  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: PRETTY, SCHROEDER & POPLAWSKI  
CITY: Los Angeles  
STATE: California  
COUNTRY: USA  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0,  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/463,074B  
FILING DATE: 5-JUN-1995  
PRIOR APPLICATION DATA:

444 South Flower St. - Suite 1